

Abstract

In view of the fact that devices connected on a home network are located in home, that is, at close range and therefore a user can physically access the devices within a relatively short period of time, identifying whether or not a home server for distributing the contents and a client terminal using the contents are connected to the same home network based on whether or not they can share access to the same physical medium within a short period of time. The authenticity of devices connected on a home network connected to an external network via a router is authenticated.